

SEQUENCE LISTING

<110> The Queen Elizabeth Hospital
 <120> Methods for regulating cancer
 <130> 03 1348 7262
 <160> 13
 <170> PatentIn version 3.2

<210> 1
 <211> 984
 <212> PRT
 <213> Homo sapiens
 <400> 1

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Glu	Glu	Thr	Leu	Leu	Asn	Thr	Lys	Leu	Glu	Thr	Ala	Asp	Leu	Lys	Trp
			20					25					30		
Val	Thr	Phe	Pro	Gln	Val	Asp	Gly	Trp	Glu	Glu	Leu	Ser	Gly	Leu	Asp
		35					40					45			
Glu	Glu	Gln	His	Ser	Val	Arg	Thr	Tyr	Glu	Val	Cys	Asp	Val	Gln	Arg
	50					55					60				
Ala	Pro	Gly	Gln	Ala	His	Trp	Leu	Arg	Thr	Gly	Trp	Val	Pro	Arg	Arg
65					70					75				80	
Gly	Ala	Val	His	Val	Tyr	Ala	Thr	Leu	Arg	Phe	Thr	Met	Leu	Glu	Cys
			85						90					95	
Leu	Ser	Leu	Pro	Arg	Ala	Gly	Arg	Ser	Cys	Lys	Glu	Thr	Phe	Thr	Val
			100					105						110	

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Phe Tyr Tyr Glu Ser Asp Ala Asp Thr Ala Thr Ala Leu Thr Pro Ala
 115 120 125
 Trp Met Glu Asn Pro Tyr Ile Lys Val Asp Thr Val Ala Ala Glu His
 130 135 140
 Leu Thr Arg Lys Arg Pro Gly Ala Glu Ala Thr Gly Lys Val Asn Val
 145 150 155 160
 Lys Thr Leu Arg Leu Gly Pro Leu Ser Lys Ala Gly Phe Tyr Leu Ala
 165 170 175
 Phe Gln Asp Gln Gly Ala Cys Met Ala Leu Leu Ser Leu His Leu Phe
 180 185 190
 Tyr Lys Lys Cys Ala Gln Leu Thr Val Asn Leu Thr Arg Phe Pro Glu
 195 200 205
 Thr Val Pro Arg Glu Leu Val Val Pro Val Ala Gly Ser Cys Val Val
 210 215 220
 Asp Ala Val Pro Ala Pro Gly Pro Ser Pro Ser Leu Tyr Cys Arg Glu
 225 230 235 240
 Asp Gly Gln Trp Ala Glu Gln Pro Val Thr Gly Cys Ser Cys Ala Pro
 245 250 255
 Gly Phe Glu Ala Ala Glu Gly Asn Thr Lys Cys Arg Ala Cys Ala Gln
 260 265 270
 Gly Thr Phe Lys Pro Leu Ser Gly Glu Gly Ser Cys Gln Pro Cys Pro
 275 280 285
 Ala Asn Ser His Ser Asn Thr Ile Gly Ser Ala Val Cys Gln Cys Arg
 290 295 300
 Val Gly Tyr Phe Arg Ala Arg Thr Asp Pro Arg Gly Ala Pro Cys Thr
 305 310 315 320
 Thr Pro Pro Ser Ala Pro Arg Ser Val Val Ser Arg Leu Asn Gly Ser
 325 330 335

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Ser Leu His Leu Glu Trp Ser Ala Pro Leu Glu Ser Gly Gly Arg Glu
 340 345 350
 Asp Leu Thr Tyr Ala Leu Arg Cys Arg Glu Cys Arg Pro Gly Gly Ser
 355 360 365
 Cys Ala Pro Cys Gly Gly Asp Leu Thr Phe Asp Pro Gly Pro Arg Asp
 370 375 380
 Leu Val Glu Pro Trp Val Val Val Arg Gly Leu Arg Pro Asp Phe Thr
 385 390 395 400
 Tyr Thr Phe Glu Val Thr Ala Leu Asn Gly Val Ser Ser Leu Ala Thr
 405 410 415
 Gly Pro Val Pro Phe Glu Pro Val Asn Val Thr Thr Asp Arg Glu Val
 420 425 430
 Pro Pro Ala Val Ser Asp Ile Arg Val Thr Arg Ser Ser Pro Ser Ser
 435 440 445
 Leu Ser Leu Ala Trp Ala Val Pro Arg Ala Pro Ser Gly Ala Val Leu
 450 455 460
 Asp Tyr Glu Val Lys His Glu Lys Gly Ala Glu Gly Pro Ser Ser Val
 465 470 475 480
 Arg Phe Leu Lys Thr Ser Glu Asn Arg Ala Glu Leu Arg Gly Leu Lys
 485 490 495
 Arg Gly Ala Ser Tyr Leu Val Gln Val Arg Ala Arg Ser Glu Ala Gly
 500 505 510
 Tyr Gly Pro Phe Gly Gln Glu His His Ser Gln Thr Gln Leu Asp Glu
 515 520 525
 Ser Glu Gly Trp Arg Glu Gln Leu Ala Leu Ile Ala Gly Thr Ala Val
 530 535 540
 Val Gly Val Val Leu Val Leu Val Val Ile Val Val Ala Val Leu Cys
 545 550 555 560

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Leu	Arg	Lys	Gln	Ser	Asn	Gly	Arg	Glu	Ala	Glu	Tyr	Ser	Asp	Lys	His
				565					570					575	
Gly	Gln	Tyr	Leu	Ile	Gly	His	Gly	Thr	Lys	Val	Tyr	Ile	Asp	Pro	Phe
				580				585					590		
Thr	Tyr	Glu	Asp	Pro	Asn	Glu	Ala	Val	Arg	Glu	Phe	Ala	Lys	Glu	Ile
				595				600					605		
Asp	Val	Ser	Tyr	Val	Lys	Ile	Glu	Glu	Val	Ile	Gly	Ala	Gly	Glu	Phe
				610				615					620		
Gly	Glu	Val	Cys	Arg	Gly	Arg	Leu	Lys	Ala	Pro	Gly	Lys	Lys	Glu	Ser
				625				630					635		640
Cys	Val	Ala	Ile	Lys	Thr	Leu	Lys	Gly	Gly	Tyr	Thr	Glu	Arg	Gln	Arg
				645									650		655
Arg	Glu	Phe	Leu	Ser	Glu	Ala	Ser	Ile	Met	Gly	Gln	Phe	Glu	His	Pro
				660									665		670
Asn	Ile	Ile	Arg	Leu	Glu	Gly	Val	Val	Thr	Asn	Ser	Met	Pro	Val	Met
				675									680		685
Ile	Leu	Thr	Glu	Phe	Met	Glu	Asn	Gly	Ala	Leu	Asp	Ser	Phe	Leu	Arg
				690									695		700
Leu	Asn	Asp	Gly	Gln	Phe	Thr	Val	Ile	Gln	Leu	Val	Gly	Met	Leu	Arg
				705									710		715
Gly	Ile	Ala	Ser	Gly	Met	Arg	Tyr	Leu	Ala	Glu	Met	Ser	Tyr	Val	His
				725									730		735
Arg	Asp	Leu	Ala	Ala	Arg	Asn	Ile	Leu	Val	Asn	Ser	Asn	Leu	Val	Cys
				740									745		750
Lys	Val	Ser	Asp	Phe	Gly	Leu	Ser	Arg	Phe	Leu	Glu	Glu	Asn	Ser	Ser
				755									760		765
Asp	Pro	Thr	Tyr	Thr	Ser	Ser	Leu	Gly	Gly	Lys	Ile	Pro	Ile	Arg	Trp
				770									775		780

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Thr Ala Pro Glu Ala Ile Ala Phe Arg Lys Phe Thr Ser Ala Ser Asp
 785 790 795 800
 Ala Trp Ser Tyr Gly Ile Val Met Trp Glu Val Met Ser Phe Gly Glu
 805 810 815
 Arg Pro Tyr Trp Asp Met Ser Asn Gln Asp Val Ile Asn Ala Ile Glu
 820 825 830
 Gln Asp Tyr Arg Leu Pro Pro Pro Pro Asp Cys Pro Thr Ser Leu His
 835 840 845
 Gln Leu Met Leu Asp Cys Trp Gln Lys Asp Arg Asn Ala Arg Pro Arg
 850 855 860
 Phe Pro Gln Val Val Ser Ala Leu Asp Lys Met Ile Arg Asn Pro Ala
 865 870 875 880
 Ser Leu Lys Ile Val Ala Arg Glu Gly Gly Ala Ser His Pro Leu Leu
 885 890 895
 Asp Gln Arg Gln Pro His Tyr Ser Ala Phe Gly Ser Val Gly Glu Trp
 900 905 910
 Leu Arg Ala Ile Lys Met Gly Arg Tyr Glu Glu Ser Phe Ala Ala Ala
 915 920 925
 Gly Phe Gly Ser Phe Glu Leu Val Ser Gln Ile Ser Ala Glu Asp Leu
 930 935 940
 Leu Arg Ile Gly Val Thr Leu Ala Gly His Gln Lys Lys Ile Leu Ala
 945 950 955 960
 Ser Val Gln His Met Lys Ser Gln Ala Lys Pro Gly Thr Pro Gly Gly
 965 970 975
 Thr Gly Gly Pro Ala Pro Gln Tyr
 980

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<210> 2

<211> 25

<212> PRT

<213> Homo sapiens

<400> 2

Thr Val Asn Leu Thr Arg Phe Pro Glu Thr Val Pro Arg Glu Leu Val

1

5

10

15

Val Pro Val Ala Gly Ser Cys Val Val

20

25

<210> 3

<211> 25

<212> PRT

<213> Homo sapiens

<400> 3

Gly Ser Cys Val Val Asp Ala Val Pro Ala Pro Gly Pro Ser Pro Ser

1

5

10

15

Leu Tyr Cys Arg Glu Asp Gly Gln Trp

20

25

<210> 4

<211> 25

<212> PRT

<213> Homo sapiens

<400> 4

Glu Asp Gly Gln Trp Ala Glu Gln Pro Val Thr Gly Cys Ser Cys Ala

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1	5	10	15
Pro Gly Phe Glu Ala Ala Glu Gly Asn			
	20	25	

<210> 5

<211> 25

<212> PRT

<213> Homo sapiens

<400> 5

Ala Ala Glu Gly Asn Thr Lys Cys Arg Ala Cys Ala Gln Gly Thr Phe

1	5	10	15
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Lys Pro Leu Ser Gly Glu Gly Ser Cys

20	25
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<210> 6

<211> 25

<212> PRT

<213> Homo sapiens

<400> 6

Gly Glu Gly Ser Cys Gln Pro Cys Pro Ala Asn Ser His Ser Asn Thr

1	5	10	15
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Ile Gly Ser Ala Val Cys Gln Cys Arg

20	25
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<210> 7

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<211> 25

<212> PRT

<213> Homo sapiens

<400> 7

Val Cys Gln Cys Arg Val Gly Tyr Phe Arg Ala Arg Thr Asp Pro Arg

1 5 10 15

Gly Ala Pro Cys Thr Thr Pro Pro Ser

20 25

<210> 8

<211> 8

<212> PRT

<213> Homo sapiens

<400> 8

Ala Gly Ser Cys Val Val Asp Ala

1 5

<210> 9

<211> 10

<212> PRT

<213> Homo sapiens

<400> 9

Val Ala Gly Ser Cys Val Val Asp Ala Val

1 5 10

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<210> 10

<211> 16

<212> PRT

<213> Homo sapiens

<400> 10

Leu Val Val Pro Val Ala Gly Ser Cys Val Val Asp Ala Val Pro Ala

1 5 10 15

<210> 11

<211> 25

<212> PRT

<213> Homo sapiens

<400> 11

Ala Gly Ser Cys Val Val Asn Ala Val Pro Ala Pro Gly Pro Ser Pro

1 5 10 15

Ser Leu Tyr Cys Arg Glu Asp Gly Gln

20 25

<210> 12

<211> 25

<212> PRT

<213> Homo sapiens

<400> 12

Ala Gly Ser Cys Val Val Asp Ala Val Pro Ala Pro Gly Pro Ser Pro

1 5 10 15

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Ser Leu Tyr Cys Arg Glu Asp Gly Gln

20

25

<210> 13

<211> 5

<212> PRT

<213> Homo sapiens

<400> 13

Gly Ser Cys Val Val

1

5